	Type	Hits	Search Text	DBs
1	BRS	11363368	throughhole or through adj hole or via adj hole or viahole or interconnect$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
2	BRS	2861107	barrier or ta or tantalum or tan or titanium or tin or ti\tin or ta\tan or tungsten or w or wn	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
3	BRS	4564067	break$4 or brok$5 or discontinuous$4 or "not continuous" or "not continuously" or spac$4 or apart or gap$4 or disjoin$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
4	BRS	2072	(throughhole or through adj hole or via adj hole or viahole or interconnect$4) same (barrier or ta or tantalum or tan or titanium or tin or ti/tin or ta\tan or tungsten or w or wn) near8 (break$4 or brok$5 or discontinuous$4 or "not continuous" or "not continuously" or spac$4 or apart or gap$4 or disjoin$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
5	BRS	1279	(throughhole or through adj hole or via adj hole or viahole or interconnect$4) same (barrier or ta or tantalum or tan or titanium or tin or ti/tin or ta\tan or tungsten or w or wn) near4 (break$4 or brok$5 or discontinuous$4 or "not continuous" or "not continuously" or spac$4 or apart or gap$4 or disjoin$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

Type	Hits	Search Text	DBs
6 BRS	401	(throughhole or through adj hole or via adj hole or viahole or interconnect$4) same (barrier or ta or tantalum or tan or titanium or tin or ti/tin or near4 (break$4 or brok$5 or discontinuous$4 or "not continuous" or "not continuously" or spac$4 or apart or gap$4 or disjoin$6) same (cu or al or copper or aluminum or metal)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
7 BRS	386	((throughhole or through adj hole or via adj hole or viahole or interconnect$4) same (barrier or ta or tantalum or tan or titanium or tin or ti/tin or near4 (break$4 or brok$5 or discontinuous$4 or "not continuously" or "not continuous" or spac$4 or apart or gap$4 or disjoin$6) same (cu or al or copper or aluminum or metal)) and (@ad < "20021212")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
8 BRS	616624	(cone or conical$4) or (wid$4 near4 (bottom or lower or base)) or (revers$4 or invers$4) near4 taper$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
9 BRS	11363368	throughhole or through adj hole or via adj hole or viahole or interconnect$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
10 BRS	22217	((cone or conical$4) or (wid$4 near4 (bottom or lower or base)) or (revers$4 or invers$4) near4 taper$4) same (throughhole or through adj hole or via adj hole or viahole or interconnect$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
11 BRS	3632533	wafer or substrate or si or silicon or semiconductor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

Type	Hits	Search Text	DBs
12	BRS	1224	(((cone or conical$4) or (wid$4 near4 (bottom or lower or base)) or (revers$4 or invers$4) near4 taper$4) same (wafer or substrate or si or silicon or semiconductor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
13	BRS	767	((cone or conical$4) or (wid$4 near4 (bottom or lower or base)) or (revers$4 or invers$4) near4 taper$4) near4 (throughhole or through adj hole or via adj hole or viahole or interconnect$4) and (wafer or substrate or si or silicon or semiconductor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
14	BRS	420	((cone or conical$4) or (wid$4 near4 (bottom or lower or base)) or (revers$4 or invers$4) near4 taper$4) near2 (throughhole or through adj hole or via adj hole or viahole or interconnect$4) and (wafer or substrate or si or silicon or semiconductor) and (@ad < "20021212")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
15	BRS	11363368	throughhole or through adj hole or via adj hole or viahole or interconnect$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
16	BRS	36325333	wafer or substrate or si or silicon or semiconductor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
17	BRS	4394	(throughhhole or through adj hole or via adj hole or viahole or interconnect$4) near4 (taper$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

Type	Hits	Search Text	DBs
18 BRS	1209	((throughhole or through adj hole or via adj hole or viahole or interconnect$4) near4 (taper$4)) and (wafer or substrate or si or silicon or semiconductor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
19 BRS	506667	(second! or upper or another or addition$4) near2 (dielectric or etchstop or etch adj stop or insulator)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
20 BRS	5	(throughhole or through adj hole or via adj hole or viahole or interconnect$4) near4 ((second! or upper or another or addition$4) near2 (dielectric or etchstop or etch adj stop or insulator))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
21 BRS	100	(throughhole or through adj hole or via adj hole or viahole or interconnect$4) same ((second! or upper or another or addition$4) near2 (dielectric or etchstop or etch adj stop or insulator))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
22 BRS	99	((throughhole or through adj hole or via adj hole or viahole or interconnect$4) same ((second! or upper or another or addition$4) near2 (dielectric or etchstop or etch adj stop or insulator))) and (@ad < "20021212")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
23 BRS	99	((throughhole or through adj hole or via adj hole or viahole or interconnect$4) same (taper$4 or inclin$4 or slant$4) same ((second! or upper or another or addition$4) near2 (dielectric or etchstop or etch adj stop or insulator))) and (@ad < "20021212")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

Type	Hits	Search Text	DBs
24 BRS	98	(((throughhole or through adj hole or via adj hole or viahole or interconnect$4) same (taper$4 or inclin$4 or slant$4) same ((second! or upper or another or addition$4) near2 (dielectric or etchstop or etch adj stop or insulator))) and (@ad < "20021212")) not (((cone or conical$4) or (wid$4 near4 (bottom or lower or base)) or (revers$4 or invers$4) near4 taper$4) near2 (throughhole or through adj hole or via adj hole or viahole or interconnect$4) and (wafer or substrate or si or silicon or semiconductor) and (@ad < "20021212"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
25 IS&R	5914	((438/673) or (438/628) or (257/758) or (257/773) or (257/774) or (257/775)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
26 IS&R	4510	((438/673) or (438/628) or (257/758) or (257/774) or (257/775)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
27 IS&R	565	(257/775).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
28 BRS	4357	(((438/673) or (438/628) or (257/758) or (257/774) or (257/775)).CCLS.) and (@ad < "20021212")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
29 BRS	548	((257/775).CCLS.) and (@ad < "20021212")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

Type		Hits	S arch Text	DBs
30	BRS	420	((cone or conical$4) or (wid$4 near4 (bottom or lower or base)) or (revers$4 or invers$4) near4 taper$4) near2 (throughhole or through adj hole or via adj hole or viahole or interconnect$4) and (wafer or substrate or si or silicon or semiconductor) and (@ad < "20021212")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
31	BRS	410	((throughhole or through adj hole or via adj hole or viahole or interconnect$4) same (barrier or ta or tantalum or tan or titanium or tin or ti/tin or ti\tin or ta/tan or ta\tan or tungsten or w or wn) near4 (break$4 or brok$5 or discontinuous$4 or "not continuous" or "not continuously" or spac$4 or apart or gap$4 or disjoin$6) same (cu or al or copper or aluminum or metal)) and (@ad < "20021212")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
32	BRS	2	"6740976"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
33	IS&R	1318	((438/673) or (438/628) or (438/638) or (438/644) or (438/654)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
34	IS&R	452	((438/644) or (438/654)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
35	BRS	425	(((438/644) or (438/654)).CCLS.) and (@ad < "20021212")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
36	IS&R	983	((438/673) or (438/628) or (438/638)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

Type	Hits	Search Text	DBs
37	BRS	946	(((438/673) or (438/628) or (438/638)).CCLS.) and (@ad < "20021212")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
38	BRS	425	(((438/644) or (438/654)).CCLS.) and (@ad < "20021212")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
39	BRS	831	((((438/673) or (438/628) or (438/638)).CCLS.) and (@ad < "20021212")) not ((((438/644) or (438/654)).CCLS.) and (@ad < "20021212"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB